

Amendments to the Claims

Claims 1-17. (Canceled)

Claim 18. (New) A method for CVD coating of workpieces, in particular for aluminizing, where a coating gas is used to coat the workpieces, comprising the steps of:

- arranging the workpieces to be coated in a coating room;
- arranging coating granules near the workpieces to be coated;
- heating the coating room to a process temperature together with the workpieces to be coated and together with the coating granules; and
- introducing a process gas onto the coating granules after reaching the process temperature to generate the coating gas.

Claim 19. (New) The method according to Claim 18, wherein the workpieces to be coated are positioned in several levels arranged one above the other in the coating room and wherein coating granules are arranged directly beneath the workpieces to be coated in the area of each level.

Claim 20. (New) The method according to Claim 19, wherein the process gas is introduced onto the coating granules in the area of each level.

Claim 21. (New) The method according to Claim 18, wherein a coating of the workpieces is performed after introducing the process gas onto the coating granules and after generating the coating gas.

Claim 22. (New) The method according to Claim 18, wherein a halide gas is used as the process gas.

Claim 23. (New) The method according to Claim 18, further comprising the step of generating a vacuum in the coating room before introducing the process gas into the coating room.

Claim 24. (New) The method according to Claim 18, wherein process parameters are kept constant during a holding time and wherein the workpieces are coated during the holding time.

Claim 25. (New) The method according to Claim 24, further comprising the step of pulsing a process pressure during the holding time by lowering the process pressure by withdrawing the coating gas and then generating a second coating gas.

Claim 26. (New) The method according to Claim 25, wherein after lowering the process pressure, the process gas is again introduced onto the coating granules until the process pressure has been restored.

Claim 27. (New) The method according to Claim 25, wherein the pulsing of the process pressure is performed once or cyclically by withdrawing the coating gas and reintroducing the process gas onto the coating granules and further comprising the step of depositing an interior coating on a hollow body of the workpieces by the process pressure pulsing step.

Claim 28. (New) A device for CVD coating, in particular for aluminizing, comprising:

- a coating room in which at least one workpiece to be coated is situated;
- and

- a device for generating a coating gas which coats the workpiece;

- wherein the device for generating the coating gas is arranged within the coating room near the workpiece to be coated.

Claim 29. (New) The device according to Claim 28, wherein the device for generating the coating gas includes multiple receptacle devices containing coating granules, wherein the multiple receptacle devices are arranged in levels running one above the other, and further wherein workpieces that are to be

coated are positioned directly above and in the area of the receptacle devices filled with the coating granules.

Claim 30. (New) The device according to Claim 29, wherein the receptacle devices include a holding tray for the coating granules and a grating which borders the holding tray toward a top of the holding tray and wherein a workpiece to be coated is positioned on the grating.

Claim 31. (New) The device according to Claim 29, further comprising a device for introducing a process gas arranged in an area of each receptacle device.

Claim 32. (New) The device according to Claim 31, wherein the device for introducing the process gas is designed as a branch of a vertically extending pipe in the coating room and wherein the branch protrudes into a corresponding receptacle device.

Claim 33. (New) The device according to Claim 28, further comprising a heating device for heating the coating room and the workpiece that is to be coated to a process temperature.

Claim 34. (New) The device according to Claim 28, further comprising a pump mechanism for generating a vacuum in the coating room and/or for pulsing a process pressure.